



Dart Aerospace Ltd.
1270 Aberdeen St
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K6A 1K7
Canada

Tel (613) 632-5200

C45-K

Job Sheet 174339



Part No: C45-K

Job Qty: 1 ea

Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/14/18

Job Tracking No: ra221

Due Date: 3/16/18

Created By: Linda Lacelle

Type: Return

Description:

Note: C45-K REV.2 IPP REV:A 18.02.07 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		3/15/18	0.00	0.00	Start Up Small Fab-1		
100	Small Fab	1 pcs		3/16/18	0.00	0.50	Small Fab-9		
120	QC	1 pcs		3/16/18	0.00	0.00	QC5		PD 18.3.26
140	Packaging	1 pcs		3/16/18	0.00	0.00	Packaging3-1		MA 18/3/26
160	QC21-SA	1 Ea		3/16/18	0.00	0.00	QC21		MA 18/3/26

Part Op 100 - 1- PICK C45-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3. 2- ASSEMBLE AS
Descriptions: PER DWG 3- PERFORM ALL NECESSARY TEST USING FAI TEST SHEET.

DAS
21
9-89

MAR 27 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C45	C45 Hook	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	C45	1	2	0

Part Specifications

Specifications could not be found.

Plex 3/22/18 8:56 AM dart.lacelle.linda

PARTS USED : ① C45-4-4 KA LOAD BEAM 5048114
① C45-15 KEEPER P
② C45-3-4-1 RETAINING RING S035997
④ MS21044N5 NUT FM 129624-40
② MS21044N8 NUT S036471
② 188-FPSS-1/4-20-3/8 S048557
PARTS REMOVED ① C45-4-4A ① C45-13-4 ① C45-13-5
① C45-13-3 ② C45-13-2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Inspection Sheet Complete RA221

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
C45(loaner)	S040856	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S051115	Customer supplied part. Customer sending C45 (loaner) serial# 3288-01 to be converted to a C45K. Hooks will need to be re identify as a C45K, and using the original serial# Return to customer.
C45	S041956	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S051115	Customer supplied part. Customer sending C45 serial# S041956 to be converted to a C45K. Hooks will need to be re identify as a C45K, and using the original serial# Return to customer.
C45-C	S042471	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes		S051755	
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: P.D. _____

Date: 13-Mar-18 _____



Container No: S051354

Part: C45-K

Job No: 174339

Serial No/Batch: S051354

Inspector: 2

DART Aerospace Ltd.
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www.dartaero.com

Date: 03/23/18



Remote Cargo Hook Test Form

C45

Work Order 174339

Customer _____

Serial Number 3288-01

Date 2018/03/23

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	PASS
10	2,250	Electircal, 25 volts	No "hang ups" permitted	N/A	PASS
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.2 A	PASS
2	3,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.2 A	PASS
2	2,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 A	PASS
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 A	PASS
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 A	PASS
1	4,500	Electircal, 20 volts	Current shall not exceed 11.3A	8.0 A	PASS
1	4,500	Electircal, 28 volts	Current shall not exceed 15.8A	11.5 A	PASS
1	4,500	Manual		N/A	PASS
1	4,500	Impact Test	Impact shackle 10 times, shall not release	N/A	PASS
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.9 Ohms	PASS
1	N/A	Electircal Continuity	Across both wires	N/A	PASS

Test Conducted By: ALAIN PATRY
Technician

Signature: 
Director Of Quality Assurance

Submit